U.S. Express Mail Label No. EL857532136US System And Methods For Invalidation To Enable Caching Of Dynamically Generated Content Inventors: Wen-Syan Li et al. Attorney: Ronald Coslick – 073303-0118 FOLEY & LARDNER – (310) 277-2223 Sheet 1 of 11

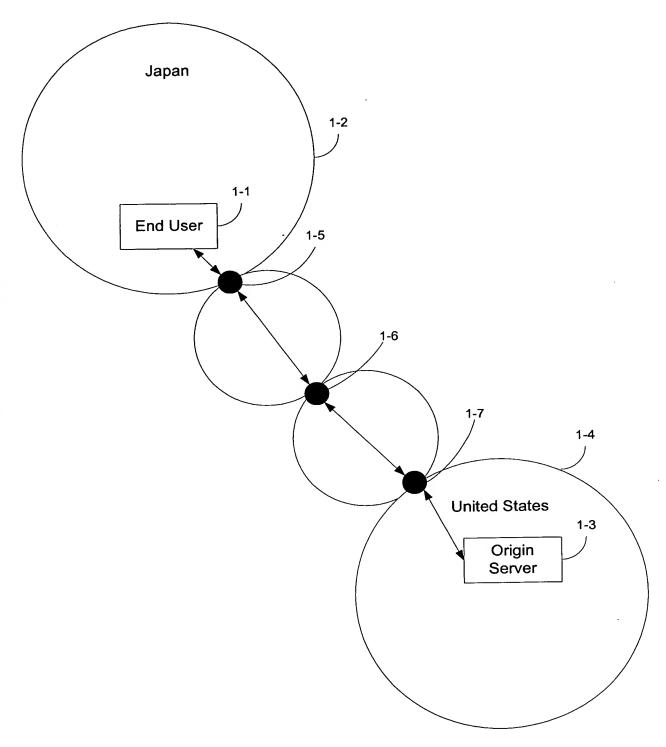
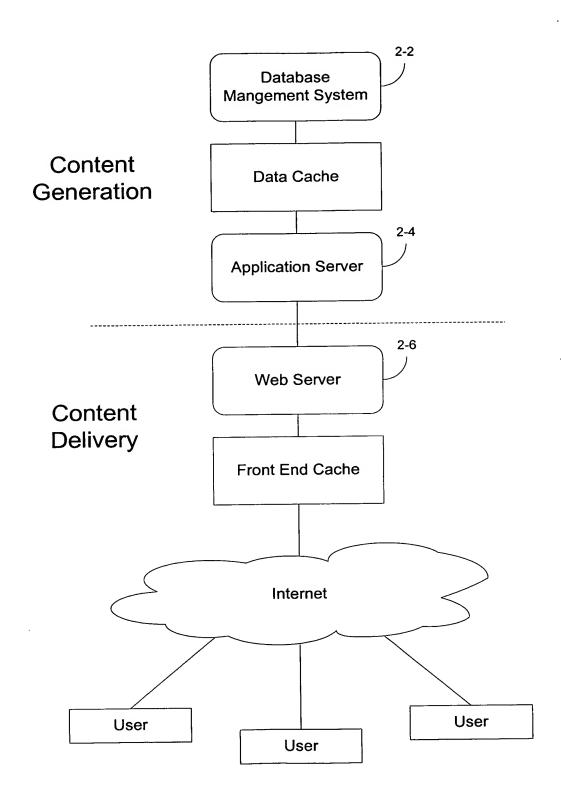


Figure 1

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Figure 2



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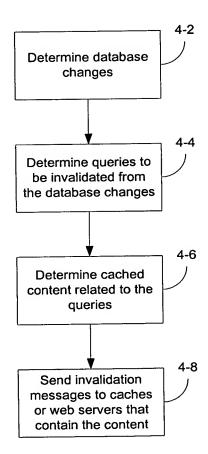
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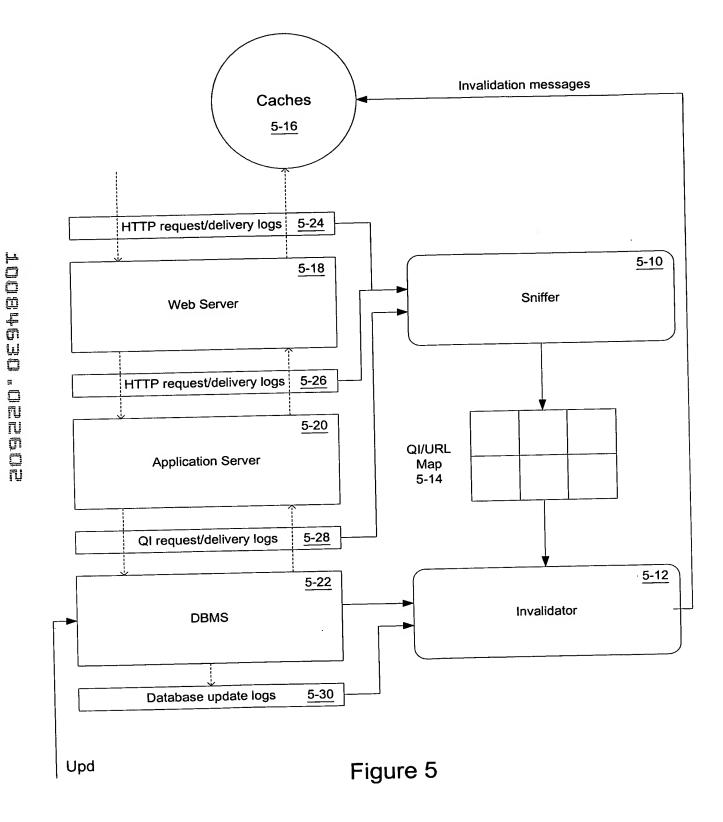


Data ← → Content

Figure 4



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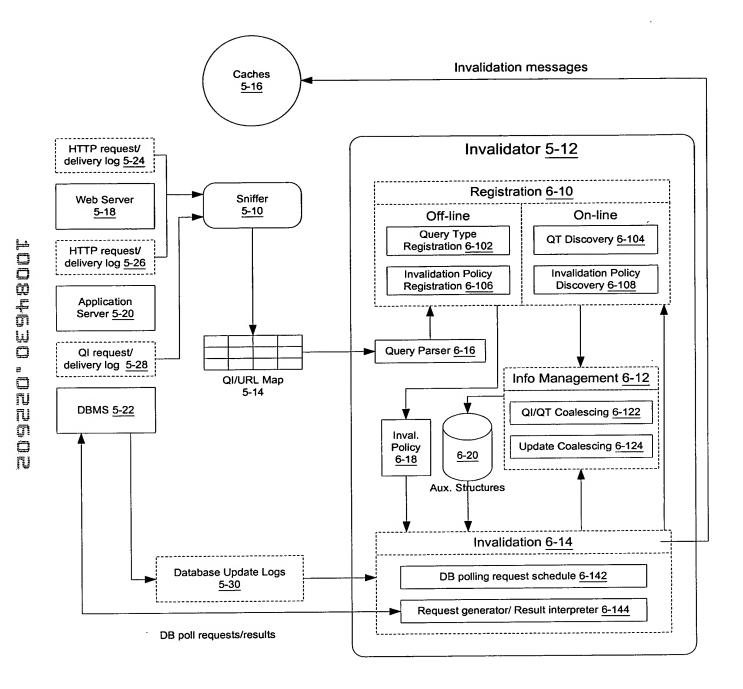
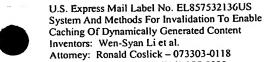
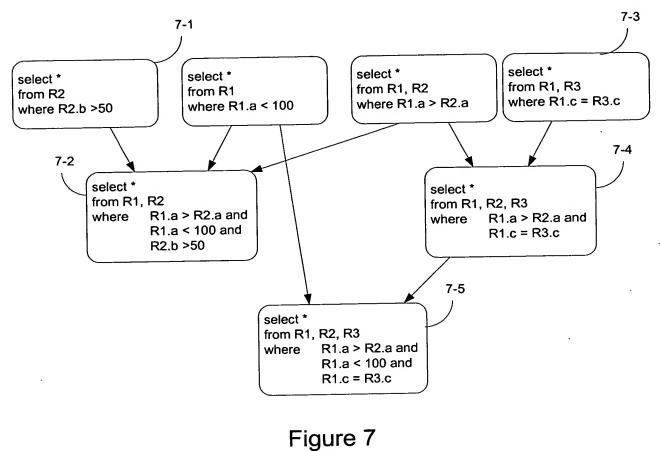


Figure 6



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8-3 8-1 select * select * select * select * from R1, R3 from R1, R2 from R1 from R2 where R1.c = R3.cwhere R1.a > R2.a where R1.a < 100 where R2.b >50 8-4 8-2 select * select * from R1, R2 from R1, R2, R3 where R1.a > R2.a or R1.a > R2.a or where R1.a < 100 or R1.c = R3.cR2.b >50 8-5 select * from R1, R2, R3 R1.a > R2.a or where R1.a < 100 or R1.c = R3.c

Figure 8



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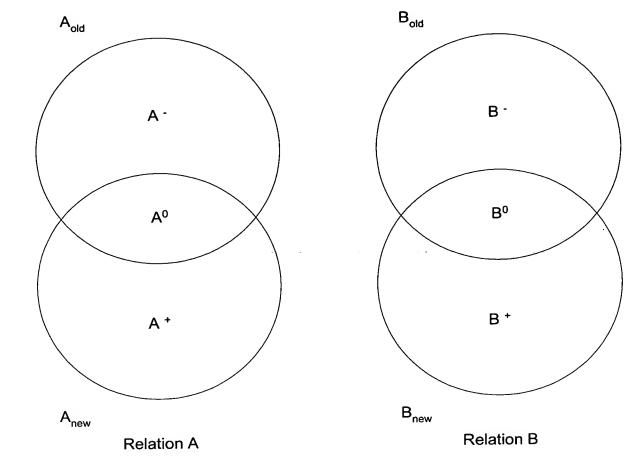


Figure 9

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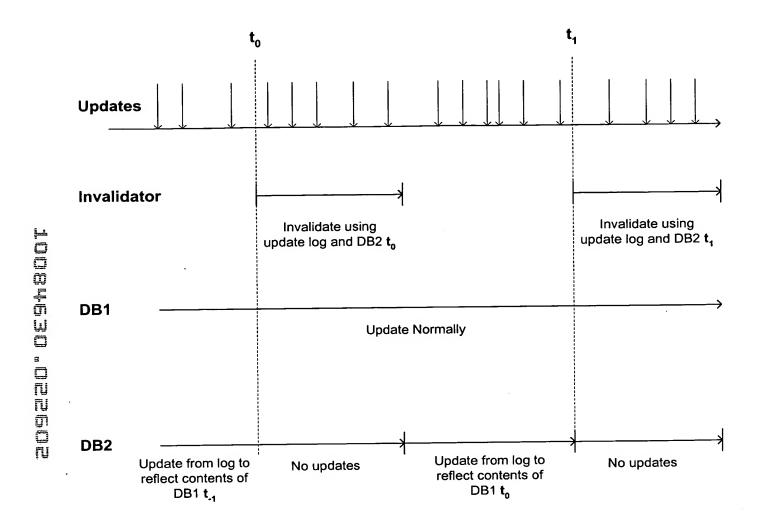


Figure 10

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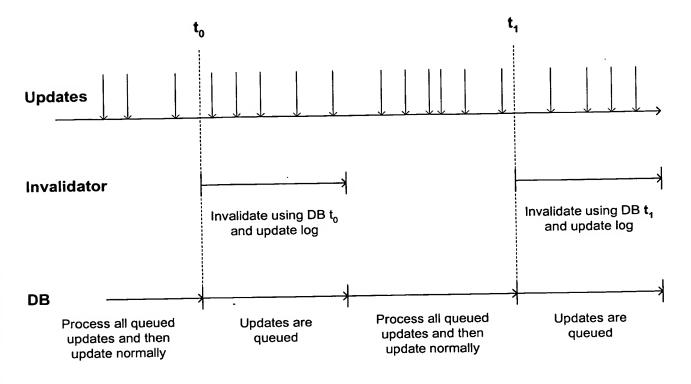


Figure 11

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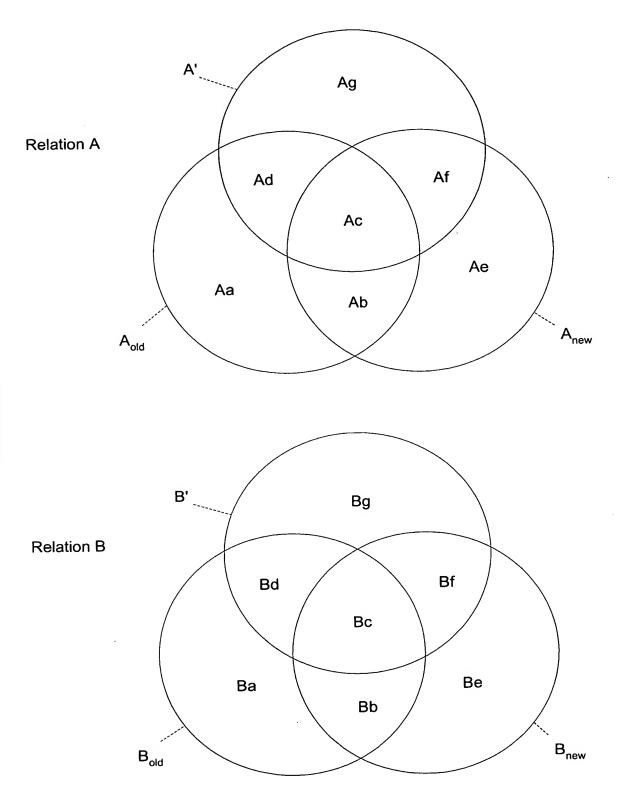


Figure 12

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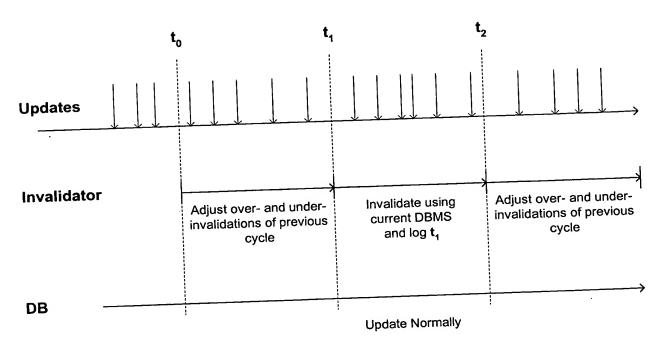


Figure 13